

TABLE 8. Federal obligations for science and engineering to universities and colleges and number of recipient institutions, by location and type of activity: FY 2003

(Dollars in thousands)

Location	All federal obligations	Research and development	R&D plant ^a	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
United States							
Obligations (\$thousands)	26,653,898	22,808,789	726,204	80,318	950,144	428,796	1,659,647
Institutions (number)	1,152	898	283	205	569	267	663
Alabama							
Obligations (\$thousands)	448,686	343,766	41,922	660	14,823	11,661	35,854
Institutions (number)	25	18	5	3	13	5	13
Alaska							
Obligations (\$thousands)	88,205	74,250	705	43	2,148	1,451	9,608
Institutions (number)	5	4	3	1	4	1	3
Arizona							
Obligations (\$thousands)	302,847	260,208	4,348	1,256	15,057	1,257	20,721
Institutions (number)	13	9	3	4	4	4	6
Arkansas							
Obligations (\$thousands)	93,662	75,952	782	0	4,814	150	11,964
Institutions (number)	13	10	2	0	8	1	8
California							
Obligations (\$thousands)	3,530,082	3,193,421	52,283	7,594	119,127	51,877	105,780
Institutions (number)	94	66	28	13	51	29	59
Colorado							
Obligations (\$thousands)	661,423	523,145	52,817	710	23,153	30,047	31,551
Institutions (number)	14	11	5	3	9	5	9
Connecticut							
Obligations (\$thousands)	478,978	439,972	4,090	76	24,451	2,530	7,859
Institutions (number)	14	11	5	1	9	2	5
Delaware							
Obligations (\$thousands)	80,992	67,016	936	0	2,730	1,384	8,926
Institutions (number)	4	2	2	0	3	2	3
District of Columbia							
Obligations (\$thousands)	203,537	172,342	186	1,021	16,676	6,130	7,182
Institutions (number)	10	8	1	3	6	4	8
Florida							
Obligations (\$thousands)	628,408	541,132	5,128	1,128	22,091	20,761	38,168
Institutions (number)	30	23	8	4	15	8	20
Georgia							
Obligations (\$thousands)	597,036	483,676	3,282	825	19,975	11,992	77,286
Institutions (number)	30	25	4	3	17	9	18
Hawaii							
Obligations (\$thousands)	180,643	146,697	643	0	5,707	17,499	10,097
Institutions (number)	5	5	2	0	3	2	4
Idaho							
Obligations (\$thousands)	54,629	42,471	518	98	1,064	0	10,478
Institutions (number)	3	3	2	1	3	0	3
Illinois							
Obligations (\$thousands)	974,748	878,352	28,708	946	34,682	8,268	23,792
Institutions (number)	41	34	12	10	22	11	19

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Indiana							
Obligations (\$thousands)	351,787	307,368	8,734	2,204	9,050	2,252	22,179
Institutions (number)	14	13	5	5	7	3	7
Iowa							
Obligations (\$thousands)	300,415	255,717	3,871	415	11,060	7,701	21,651
Institutions (number)	17	14	6	2	4	4	7
Kansas							
Obligations (\$thousands)	153,618	131,630	1,004	136	7,400	2,025	11,423
Institutions (number)	8	7	2	2	6	1	6
Kentucky							
Obligations (\$thousands)	217,601	186,334	2,598	15	6,248	2,406	20,000
Institutions (number)	11	10	4	1	9	4	8
Louisiana							
Obligations (\$thousands)	259,877	202,832	17,648	847	7,053	10,179	21,318
Institutions (number)	14	14	4	4	9	5	8
Maine							
Obligations (\$thousands)	44,223	30,326	433	1,050	2,787	513	9,114
Institutions (number)	12	10	3	1	5	2	6
Maryland							
Obligations (\$thousands)	1,520,402	1,294,617	7,586	2,045	47,088	21,268	147,798
Institutions (number)	31	26	6	3	16	7	16
Massachusetts							
Obligations (\$thousands)	1,489,621	1,220,700	142,485	10,708	59,176	12,917	43,635
Institutions (number)	46	39	13	5	20	9	26
Michigan							
Obligations (\$thousands)	821,689	714,343	11,453	2,313	30,872	7,119	55,589
Institutions (number)	24	20	7	10	12	5	15
Minnesota							
Obligations (\$thousands)	355,594	316,924	3,854	617	10,614	5,481	18,104
Institutions (number)	27	18	7	5	8	2	13
Mississippi							
Obligations (\$thousands)	185,724	147,875	74	1,182	5,810	4,304	26,479
Institutions (number)	19	13	1	4	9	3	9
Missouri							
Obligations (\$thousands)	617,884	550,507	10,557	243	25,144	3,512	27,921
Institutions (number)	24	17	4	2	12	5	16
Montana							
Obligations (\$thousands)	100,565	75,051	1,908	141	3,657	1,336	18,472
Institutions (number)	14	11	2	2	11	3	11
Nebraska							
Obligations (\$thousands)	125,980	105,520	752	76	3,872	462	15,298
Institutions (number)	10	7	1	2	7	4	6
Nevada							
Obligations (\$thousands)	81,164	73,725	580	644	505	889	4,821
Institutions (number)	6	4	2	1	2	1	6

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New Hampshire							
Obligations (\$thousands)	163,697	139,984	1,354	230	4,353	1,575	16,201
Institutions (number)	7	3	2	2	3	2	4
New Jersey							
Obligations (\$thousands)	433,152	362,230	25,310	1,836	11,032	2,223	30,521
Institutions (number)	24	15	6	7	9	3	15
New Mexico							
Obligations (\$thousands)	173,477	125,084	4,332	154	5,920	5,104	32,883
Institutions (number)	10	7	3	2	4	3	9
New York							
Obligations (\$thousands)	2,138,072	1,857,646	25,269	19,836	72,010	62,845	100,466
Institutions (number)	103	84	23	23	47	23	55
North Carolina							
Obligations (\$thousands)	1,065,329	938,818	15,155	4,079	44,937	15,327	47,013
Institutions (number)	31	24	10	5	16	10	24
North Dakota							
Obligations (\$thousands)	78,570	58,392	234	43	5,507	67	14,327
Institutions (number)	12	12	2	1	7	1	10
Ohio							
Obligations (\$thousands)	683,792	603,563	2,037	1,028	22,187	6,343	48,634
Institutions (number)	40	32	9	7	16	6	20
Oklahoma							
Obligations (\$thousands)	148,435	114,872	4,422	483	5,389	6,912	16,357
Institutions (number)	14	9	2	2	7	4	6
Oregon							
Obligations (\$thousands)	326,441	288,553	3,476	2,627	11,591	1,978	18,216
Institutions (number)	17	14	5	6	5	4	9
Pennsylvania							
Obligations (\$thousands)	1,570,869	1,417,348	30,264	1,368	53,003	4,599	64,287
Institutions (number)	62	47	12	13	28	8	19
Rhode Island							
Obligations (\$thousands)	133,184	114,025	213	492	5,505	1,715	11,234
Institutions (number)	4	3	2	2	2	2	2
South Carolina							
Obligations (\$thousands)	216,619	167,329	4,271	966	5,732	614	37,707
Institutions (number)	18	13	3	1	7	4	15
South Dakota							
Obligations (\$thousands)	42,357	28,047	790	177	2,061	0	11,282
Institutions (number)	9	8	4	1	7	0	7
Tennessee							
Obligations (\$thousands)	458,667	372,788	21,027	383	24,458	12,653	27,358
Institutions (number)	23	17	8	4	14	5	10
Texas							
Obligations (\$thousands)	1,719,056	1,385,229	122,234	4,666	47,912	16,866	142,149
Institutions (number)	71	56	16	14	39	19	43

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Utah							
Obligations (\$thousands)	282,629	260,661	5,045	367	7,249	270	9,037
Institutions (number)	7	4	3	2	4	1	5
Vermont							
Obligations (\$thousands)	97,456	84,524	830	78	3,525	977	7,522
Institutions (number)	8	7	1	1	2	1	3
Virginia							
Obligations (\$thousands)	458,744	399,182	2,758	778	19,580	2,726	33,720
Institutions (number)	28	23	7	3	11	6	16
Washington							
Obligations (\$thousands)	720,595	628,324	6,238	1,752	29,943	12,693	41,645
Institutions (number)	23	16	3	4	9	4	12
West Virginia							
Obligations (\$thousands)	62,296	42,532	220	271	2,165	0	17,108
Institutions (number)	12	9	5	3	4	0	8
Wisconsin							
Obligations (\$thousands)	571,891	471,861	39,474	661	22,128	5,799	31,968
Institutions (number)	29	21	3	5	12	9	21
Wyoming							
Obligations (\$thousands)	26,807	23,437	248	0	606	0	2,516
Institutions (number)	1	1	1	0	1	0	1
American Samoa							
Obligations (\$thousands)	1,759	843	0	0	0	0	916
Institutions (number)	1	1	0	0	0	0	1
Guam							
Obligations (\$thousands)	5,246	3,253	0	0	227	758	1,008
Institutions (number)	1	1	0	0	1	1	1
Puerto Rico							
Obligations (\$thousands)	117,465	61,445	1,118	1,045	6,027	19,014	28,816
Institutions (number)	16	16	4	1	9	9	6
Trust Territory of the Pacific Islands							
Obligations (\$thousands)	3,231	1,361	0	0	0	0	1,870
Institutions (number)	2	2	0	0	0	0	2
Virgin Islands							
Obligations (\$thousands)	4,042	1,589	0	5	263	367	1,818
Institutions (number)	1	1	0	1	1	1	1

^a See Technical Notes, "Changes in Reporting".

NOTE: Totals in this table do not include the Department of Homeland Security.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, FY 2003.